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Jun 23, 1994

DERWENT-ACC-NO: 1994-209540

DERWENT-WEEK: 200157

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TITLE: Multi-layered elastic surface construction - comprises at least one rubber-elastic layer of homogeneous film or foil and at least one fibre or filament inelastic layer joined to film or foil layer at spaced connecting points

INVENTOR: BOICH, H; WEHRLE, M ; COLES, P ; SOON, S ; TAMER, A A ; TAMER, A

PATENT-ASSIGNEE:

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COROVIN GMBH

PROCTER & GAMBLE CO

CODE

CORON

PROC

PRIORITY-DATA: 1992DE-4243012 (December 18, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 4243012 A1	June 23, 1994		008	B32B025/10
FI 107594 B1	September 14, 2001		000	B32B005/24
WO 9414607 A1	July 7, 1994	G	030	B32B005/24
AU 9456922 A	July 19, 1994		000	B32B005/24
NO 9502421 A	June 16, 1995		000	B32B005/24
FI 9502983 A	June 16, 1995		000	B32B000/00
EP 674581 A1	October 4, 1995	G	000	B32B005/24
CZ 9501395 A3	December 13, 1995		000	B32B005/24
EP 674581 B1	June 5, 1996	G	013	B32B005/24
DE 59302850 G	July 11, 1996		000	B32B005/24
ES 2089908 T3	October 1, 1996		000	B32B005/24
JP 08504693 W	May 21, 1996		023	B32B005/24
DE 4243012 C2	September 11, 1997		008	B32B025/10
HU 72562 T	May 28, 1996		000	B32B005/24
US 5683787 A	November 4, 1997		008	B32B009/00
NO 302458 B1	March 9, 1998		000	B32B005/24
CA 2150366 C	April 20, 1999	E	000	B32B005/04
BR 9307673 A	September 8, 1999		000	B32B005/24
HU 217315 B	December 28, 1999		000	B32B005/24
CZ 286891 B6	July 12, 2000		000	B32B005/24

DESIGNATED-STATES: AU BB BG BR BY CA CZ FI HU JP KP KR KZ LK MG MN MW NO NZ PL RO RU SD SK UA US AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

CITED-DOCUMENTS: EP 217032; EP 321980 ; US 4446189 ; US 4741944 ; US 4863779 ; US 4935287

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 4243012A1	December 18, 1992	1992DE-4243012	
FI 107594B1	December 8, 1993	1993WO-DE01177	
FI 107594B1	June 16, 1995	1995FI-0002983	
FI 107594B1		FI 9502983	Previous Publ.
WO 9414607A1	December 8, 1993	1993WO-DE01177	
AU 9456922A	December 8, 1993	1994AU-0056922	
AU 9456922A		WO 9414607	Based on
NO 9502421A	December 8, 1993	1993WO-DE01177	
NO 9502421A	June 16, 1995	1995NO-0002421	
FI 9502983A	December 8, 1993	1993WO-DE01177	
FI 9502983A	June 16, 1995	1995FI-0002983	
EP 674581A1	December 8, 1993	1993WO-DE01177	
EP 674581A1	December 8, 1993	1994EP-0902600	
EP 674581A1		WO 9414607	Based on
CZ 9501395A3	December 8, 1993	1995CZ-0001395	
EP 674581B1	December 8, 1993	1993WO-DE01177	
EP 674581B1	December 8, 1993	1994EP-0902600	
EP 674581B1		WO 9414607	Based on
DE 59302850G	December 8, 1993	1993DE-0502850	
DE 59302850G	December 8, 1993	1993WO-DE01177	
DE 59302850G	December 8, 1993	1994EP-0902600	
DE 59302850G		EP 674581	Based on
DE 59302850G		WO 9414607	Based on
ES 2089908T3	December 8, 1993	1994EP-0902600	
ES 2089908T3		EP 674581	Based on
JP 08504693W	December 8, 1993	1993WO-DE01177	
JP 08504693W	December 8, 1993	1994JP-0514668	
JP 08504693W		WO 9414607	Based on
DE 4243012C2	December 18, 1992	1992DE-4243012	
HU 72562T	December 8, 1993	1993WO-DE01177	
HU 72562T	December 8, 1993	1995HU-0001759	
HU 72562T		WO 9414607	Based on
US 5683787A	December 8, 1993	1993WO-DE01177	
US 5683787A	August 1, 1995	1995US-0454384	
US 5683787A		WO 9414607	Based on
NO 302458B1	December 8, 1993	1993WO-DE01177	
NO 302458B1	June 16, 1995	1995NO-0002421	
NO 302458B1		NO 9502421	Previous Publ.
CA 2150366C	December 8, 1993	1993CA-2150366	
CA 2150366C	December 8, 1993	1993WO-DE01177	
CA 2150366C		WO 9414607	Based on
BR 9307673A	December 8, 1993	1993BR-0007673	
BR 9307673A	December 8, 1993	1993WO-DE01177	
BR 9307673A		WO 9414607	Based on
HU 217315B	December 8, 1993	1993WO-DE01177	
HU 217315B	December 8, 1993	1995HU-0001759	
HU 217315B		HU 72562	Previous Publ.
HU 217315B		WO 9414607	Based on
CZ 286891B6	December 8, 1993	1993WO-DE01177	
CZ 286891B6	December 8, 1993	1995CZ-0001395	
CZ 286891B6		CZ 9501395	Previous Publ.
CZ 286891B6		WO 9414607	Based on

CA 2150366 C INT-CL (IPC): A61F 13/46; B32B 0/00; B32B 3/24; B32B 3/28; B32B 5/04; B32B 5/24; B32B 7/02; B32B 7/04; B32B 7/14; B32B 9/00; B32B 25/10; B32B 31/08; D04H 13/00

ABSTRACTED-PUB-NO: DE 4243012A

EQUIVALENT-ABSTRACTS: The two layers (10,12) of the construction are joined to each other at spaced connecting points, the connection being by melting or adhesion of an adhesion layer between them. With melting, a shape-conformable connection is made, whilst in the case of an adhesive connection a powerful connection is made, which can develop extremely high binding forces. The inelastic fibre or filament layer comprises an originally smooth, unstretched or partly stretched material. At the connecting points it is melted with the slackened rubber-elastic layer or is adhered and after common expansion has a lasting expansion with the latter. ADVANTAGE - The surface construction allows for complete fluid impermeability or a controlled permeability.

CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS: MULTI LAYER ELASTIC SURFACE CONSTRUCTION COMPRISE ONE RUBBER ELASTIC LAYER
HOMOGENEOUS FILM FOIL ONE FIBRE FILAMENT INELASTIC LAYER JOIN FILM FOIL LAYER SPACE
CONNECT POINT

DERWENT-CLASS: P32 P73

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1994-165011